

Title (en)

CENTRAL DOOR CLOSING DEVICE WITH TRANSFER CARRIAGES

Title (de)

MITTELTÜR-ZUZIEHVORRICHTUNG MIT ÜBERTRAGUNGSSCHLITTEN

Title (fr)

DISPOSITIF DE FERMETURE D'UNE PORTE CENTRALE COMPRENANT DES COULISSEaux DE TRANSFERT

Publication

**EP 3478917 B1 20210901 (DE)**

Application

**EP 17771656 A 20170628**

Priority

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Abstract (en)

[origin: WO2018001402A1] The invention relates to a central door closing device comprising a housing in which a drive element can be adjusted between a first stowed position secured in a force-fit and/or positive fit and an idle position, and between a second stowed position secured in a force-fit and/or positive fit, and said idle position. Said closing device comprises a damping device and an energy accumulator which is charged when the drive element is in the stowed position and discharged when the drive element is in the idle position. The drive element can be coupled to a transfer carriage linearly driven in the housing, depending on the lifting direction. The damping device is mounted in the transfer carriage and comprises two piston rods directed in opposite directions. The energy accumulator is also part of an energy accumulator group that can be mounted on the housing and on the transfer carriage depending on the lifting direction. The present invention enables a central door closing device to be developed which is economical and which is also easy to assemble.

IPC 8 full level

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